

JUL 08 2009

Attorney Docket No. 13139-0104CIP (13721.105006)

**PATENTS**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
<b>Kary B. Mullis</b>	)	
	)	Art Unit: <b>1644</b>
Application No. <b>10/754,456</b>	)	
	)	Examiner: <b>David A. Saunders</b>
Filing Date: <b>January 9, 2004</b>	)	
	)	Confirmation No. <b>7994</b>
Title: <b>Chemically Programmable Immunity</b>	)	
	)	
	)	

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant responds to the Final Office Action dated June 22, 2009. Please enter the following amendment and consider the following remarks. Enclosed with this Response is a Terminal Disclaimer along with the required fee under 37 CFR 1.20(d).

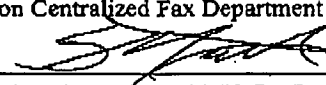
**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 3 of this paper.

**Remarks** begin on page 8 of this paper.

**Conclusion** begins on page 12 of this paper.

I hereby certify that this correspondence is being sent to the United States Patent and Trademark Office via facsimile transmission to 571-273-8300, attention Centralized Fax Department on July 8, 2009.

  
Stephen C. MacDonald, Ph.D., Reg. No. 60,401